

# PM Helps Detector Detect Mines



ONE OF THE **WORST** THINGS THAT CAN HAPPEN TO A SOLDIER IS TO STEP ON A LAND MINE.

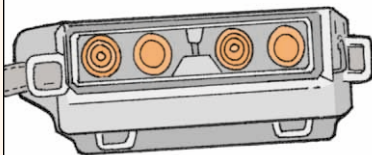
TO **PREVENT** THAT NIGHTMARE, THE ARMY GIVES YOU ME, THE AN/PSS-12 MINE DETECTOR.

BUT **YOU'VE GOT** TO DO YOUR PART FOR ME TO DO MINES—DETECT 'EM, THAT IS.

## Batteries

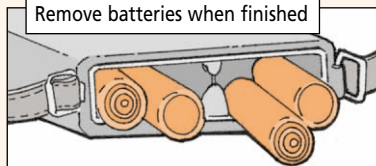
Use fresh batteries. A new set of four D-cells lasts at least 12 hours of operating the detector, but when you're dealing with real mines you want real strong batteries. Put fresh batteries in before you start sweeping a field and keep another fresh set in your case in case the BAT LOW light comes on.

Use new batteries and keep spares in case



When you're done, take the batteries out. If they're left in, they cause corrosion, which causes poor detecting.

Remove batteries when finished



## Adjust It

Adjust the pole so it's comfortable for you. Stand straight up and hold the detector with your arm straight and the head parallel to the ground. If the head is about 2 inches from the ground, that's a good length.



## Sweeping

The most important thing is to keep the head no more than 2 inches off the ground. If the head's any higher, you could miss a mine. Don't worry about banging the head against rocks. It's sturdy and can take it.

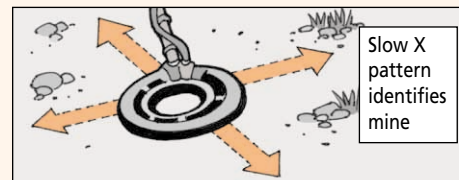
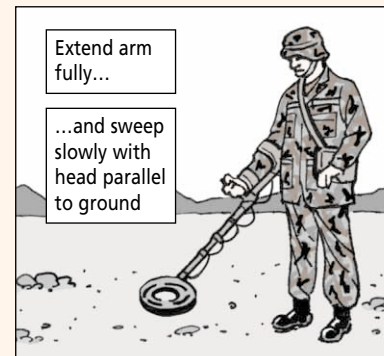
Keep the head parallel to the ground as you sweep slowly with your arm fully extended. Unless you keep your arm extended, you won't fully cover the 2-meter wide path your sweeps should make.

When you think you've found something, do a slow X-pattern over the spot. If you've found a mine, you should get beeps in all parts of the X.



Extend arm fully...

...and sweep slowly with head parallel to ground



Squad leaders, keep tabs on how long your people are sweeping. The longest anyone should sweep without a break is 20 to 30 minutes. After that, their concentration weakens.

## Storage

When you collapse the pole for storage, don't brace the head on the ground. That damages the head. Instead, collapse the pole by pushing its sections together with both hands.

